



Tom Stacy, 2013

# **Examining Michigan PA295's Comparison of the Cost of Wind Electricity to Coal Electricity:**

## **Scientifically Invalid, Economically Irrelevant**

# Levelized Cost of Energy Sources

American Tradition Institute



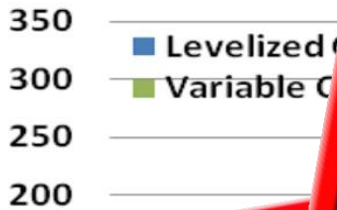
## The Hidden Costs of Wind Electricity

Why the full cost of wind generation is unlikely to match the cost of natural gas, coal or nuclear generation

George Taylor, Ph.D.  
Thomas Tanton

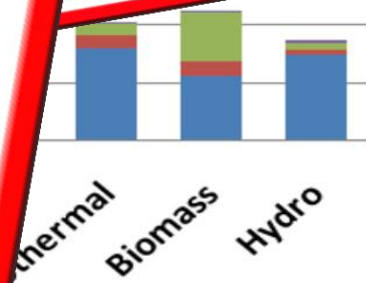
<http://www.atinstitute.org/wp-content/uploads/2012/12/Hidden-Cost.pdf>

Elect



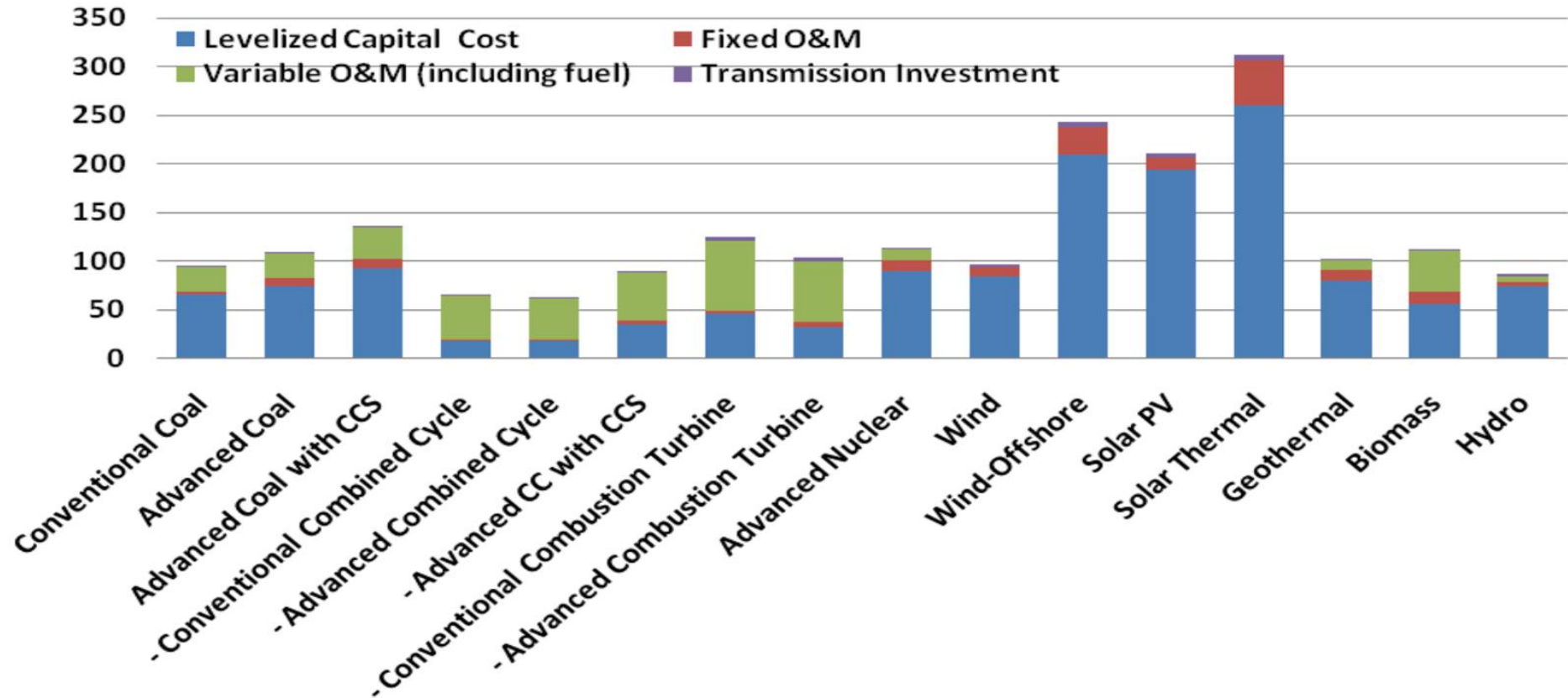
Since load must be balanced (dispatchable technologies) or those whose operation is nondispatchable technologies to one another

When comparing electricity generation.cfm



# Levelized Cost of Energy Sources According to DOE EIA

## Estimated Levelized Cost of New Electricity Generating Technologies in 2016 (2009\$/megawatt hour)



Source: Energy Information Administration, Annual Energy Outlook 2011,

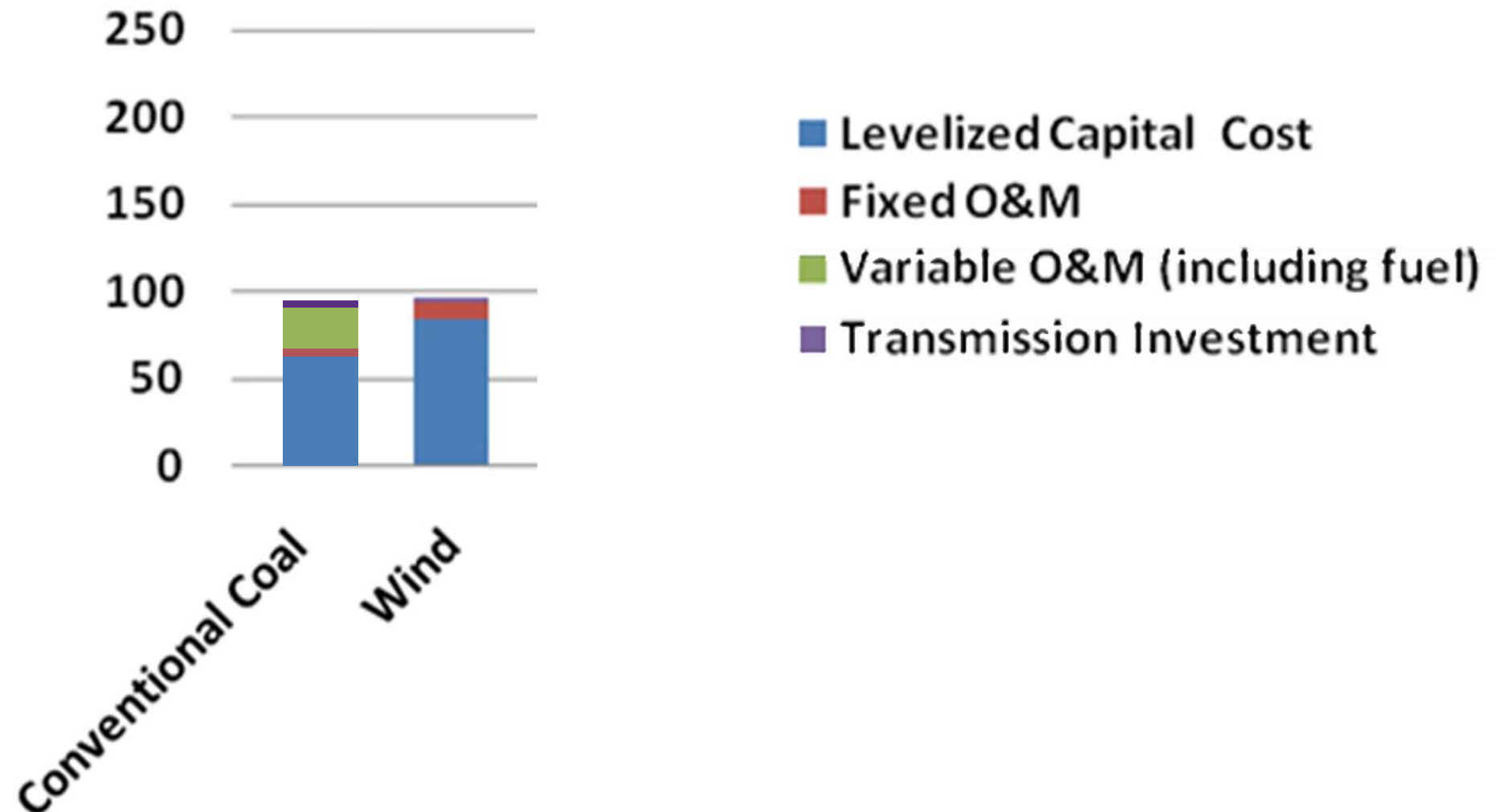


# Levelized Cost of Energy Sources According to DOE EIA

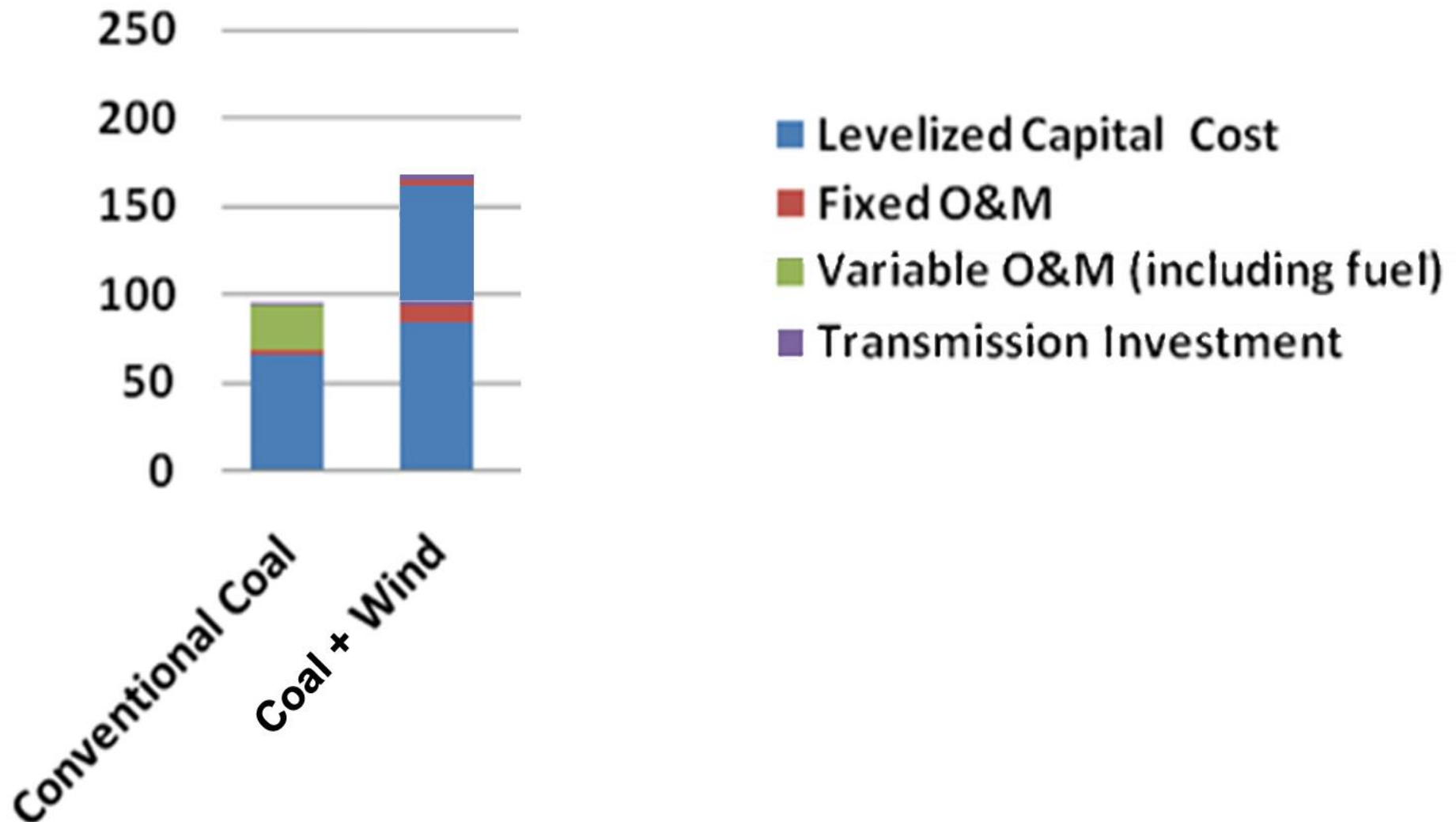
Estimated Levelized Cost of New  
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# Example and Analysis: Wind & Coal



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